

RECEIVED

STEINMAN BROS. DRILLING CO. "You're #1 with Oregon License #1"

CLAC 54812

JUL 29 1999 STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 516.005) SALEM, OREGON

WELL I.D. # L 25586 START CARD # W-116436

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 18-99 Name Portland General Electric Address 121 SW Salmon Street City Portland State OR Zip 97204

(2) TYPE OF WORK: [X] New Well [] Deepening [] Alteration (repair/recondition) [] Abandonment

(3) DRILL METHOD: [] Rotary Air [] Rotary Mud [X] Cable [] Auger [] Other

(4) PROPOSED USE: [] Domestic [] Community [] Industrial [] Irrigation [] Thermal [] Injection [] Livestock [X] Other Back-up

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 167 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, Material, SEAL From, To, Sacks or pounds. Includes entries for Cement, grout, and Bentonite.

How was seal placed: Method [] A [] B [X] C [] D [] E Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entries for Casing and Liner.

Final location of shoe(s) 109 feet

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes entry for Saw perforations.

(8) WELL TESTS: Minimum testing time is 1 hour [] Pump [X] Bailer [] Air [] Flowing Artesian Yield gal/min Drawdown Drill stem at Time

Temperature of water 48° Depth Artesian Flow Found Was a water analysis done? [] Yes By whom Did any strata contain water not suitable for intended use? [] Too little [] Salty [] Muddy [] Odor [] Colored [] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Clackamas Latitude Longitude Township 5-S N or S Range 8-E E or W WM. Section 26 NW 1/4 SW 1/4 Tax Lot 174 Block Subdivision Street Address of Well (or nearest address) Timothy Lake Mt. Hood National Forest

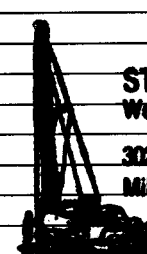
(10) STATIC WATER LEVEL: 82 ft. below land surface. Date 6/25/99 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 143 feet

Table with columns: From, To, Estimated Flow Rate, SWL. Includes entry: 143 feet to 167 feet, 52 gpm, 82'

(12) WELL LOG: Ground Elevation 3,200 feet

Table with columns: Material, From, To, SWL. Includes entries: Clay and broken rock; brown, Clay; brown, Broken rock and mudflow; brown, Basalt; brown, Basalt; grey brown fractured.



STEINMAN BROS. DRILLING RECEIVED Well Drilling Contractors 3023 S.E. Holly Avenue Milwaukie, Oregon 97222 SEP 4 1999 WATER RESOURCES DEPT SALEM, OREGON

Date started 6/19/99 Completed 6/25/99 (unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed Steinman Bros. Drilling Co. WWC Number 1 (One) Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed Ronald F. McConnell WWC Number 1 (One) Date 7/20/99